

PATENT  
TH0681N (US)  
DVC:EM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of )  
DAVID M. SINGLETON, LOUIS KRAVETZ, )  
and BRENDAN D. MURRAY )  
This is a continuation of application Serial )  
No. 09/133,303 which is a division of application )  
Serial No. 08/755,843 filed November 26, 1996 )  
HIGHLY BRANCHED PRIMARY ALCOHOL ) September 6, 2000  
COMPOSITIONS, AND BIODEGRADABLE )  
DETERGENTS MADE THEREFROM )  
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)

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D.B.  
11-13-00

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT UNDER 37 C.F.R. §1.115

Prior to examination on the merits, please add the following claims:

In the Claims:

*Sub 13* 13 70. A branched primary alcohol composition having 8 to 36 carbon atoms, an average number of branched per molecule chain of at least 0.7, less than 0.5 atom % of quaternary carbon atoms, and wherein less than 5% of the alcohol molecules in the composition are linear alcohols.

14 71. The composition of claim 70, wherein less than 3% of the alcohol molecules are linear.

15 72. The composition of claim 70, comprising a sulfate of the alcohol composition.

16 73. The composition of claim 70, comprising an ethoxysulfate of the alcohol composition.

17 74. The composition of claim 70, having an average number of branches per molecule ranging from 0.7 to 2.1.

*18* 75. The composition of claim 74, having an average number of branches per molecule ranging from 1.3 to 2.1.

*19* 76. The composition of claim 70, wherein the average chain length ranges from 11 to 19.

*20* 77. A biodegradable branched primary alcohol composition having from 8 to 36 carbon atoms, an average number of branches of at least 0.7, and wherein from 5-25% of the branching is at the C<sub>2</sub> position relative to the hydroxyl carbon atom, and from 10% to 50% of the branches are located at the C<sub>3</sub> position.

*21* 78. The composition of claim 77, having a carbon number ranging from 11 to 19.

*22* 79. The composition of claim 78, having an average number of branches ranging from 0.7 to 2.1.

*23* 80. The composition of claim 79, having less than 0.5 atom % quaternary carbon atoms.

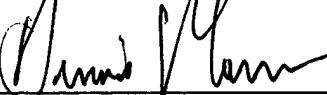
*24* 81. The composition of claim 77, wherein less than 5% of the alcohol molecules are linear.

*25* 82. The composition of claim 77, comprising a sulfate of the composition.

*26* 83. The composition of claim 77, comprising an ethoxysulfate of the composition.

Respectfully submitted,

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